Programmes After Market Services
NSB-5 Series Transceivers

Service Tools

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Battery Adapter BDC-3

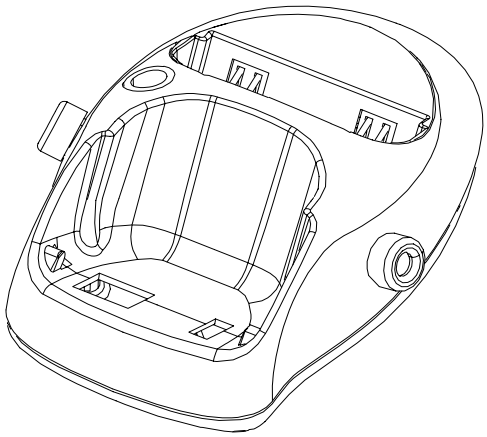
The Battery Adapter BDC-3 is used, along with an external battery capacity meter, to check battery capacity.

Note that Li-ion batteries have an internal protection circuit to prevent deep discharge.

Product Code

Battery Adapter BDC-3: 0770083

View of BDC-3



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Service Battery BBD-3

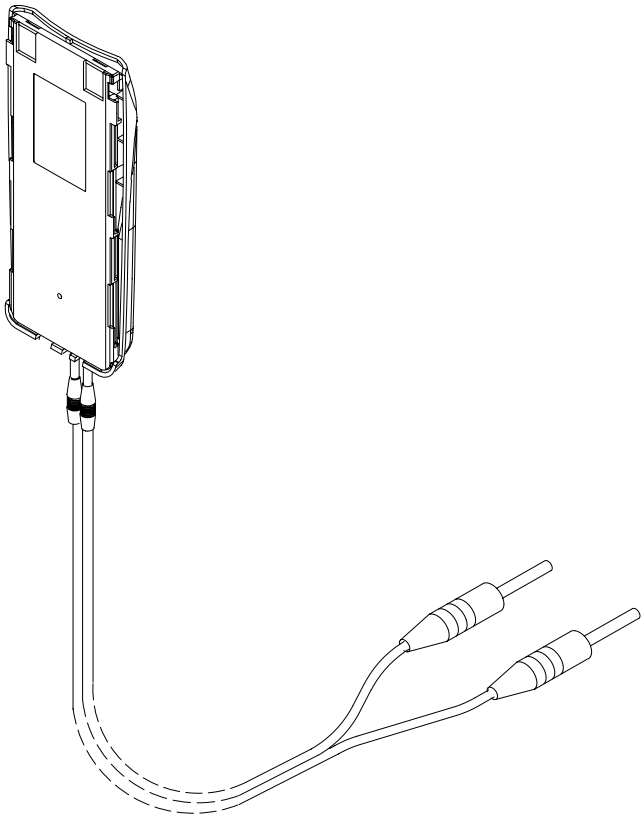
The Service Battery BBD-3 is used in place of the phone's normal battery during service, to supply a controlled operating voltage to the phone for current and charger calibration, and also is required when flashing the phone.

Note that the cable SCB-3 (0730114) also is required for charger calibration.

Product Code

Service Battery BBD-3: 0775071

View of BBD-3



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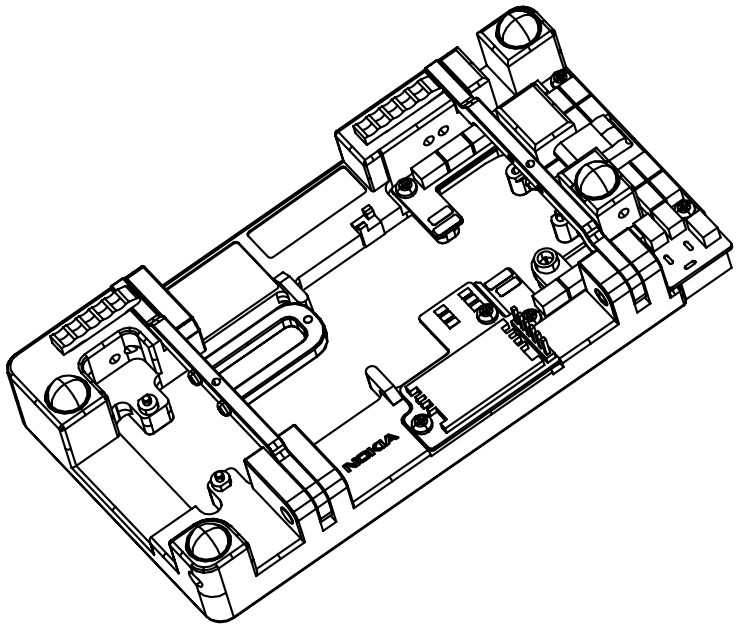
Module Jig MJS-8

The Module Jig MJS-8 is used for component level repair of the system/RF module. *

Product Code

Module Jig MJS-8: 0775170

View of MJS-8



* Connect the External Antenna Cable XRC-1B, Service Cable SCH-5, and the DC Cable PCS-1 to the MJS-8 jig.

The Service Cable SCH-5 can be replaced by the DAU-9P cable.

Note: The nominal supply voltage for MJS-8 is +4.1V. The supply voltage must not exceed +6.0V.

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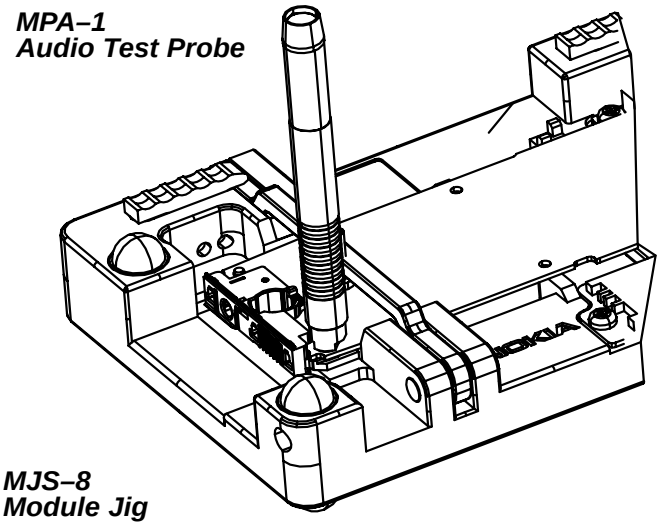
Audio Test Probe MPA-1

MPA-1 is an Audio Test Probe used for testing the microphone signal. MPA-1 is used in conjunction with Module Jig MJS-8.

Product Code

Audio Test Probe MPA-1: 0775169

View of MPA-1



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Flash Loading Adapter FLA-5 (Sales Pack)

The Flash Loading Adapter FLA-5 is used with the Service Battery BBD-3 and Service Cable SCH-5. Power is supplied to FLA-5 from the Flash Security Box TDF-4 via the DC Cable PCC-1B (the PCC-1B cable can be replaced with a Travel Charger ACH-6), and is connected to the Flash Prommer FPS-4S with the cable AXS-5.

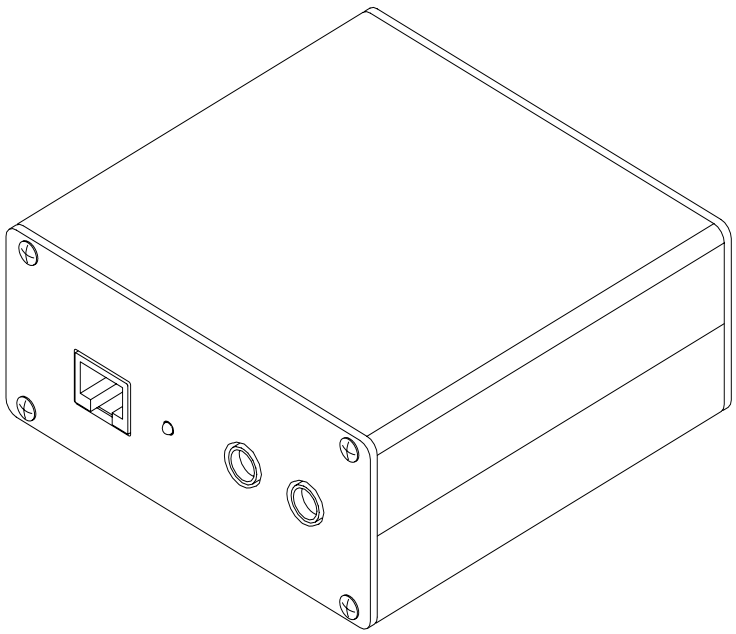
The sales pack includes:

- Flash Loader Adapter FLA-5	0770085
- Service Cable SCH-5	0730098
- D15 - D15 Cable AXS-5	0730091
- Installation software for FPS-4	8400041

Product Code

Flash Loading Adapter FLA-5:	0080178

View of FLA-5



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Flash Prommer FPS-4S (Sales Pack)

The Flash Prommer FPS-4S is used to update the main software of the phone. Updating is done by first loading the new MCU software from the PC to the flash prommer, and then loading the new SW from the prommer to the phone. When updating more than one phone in succession, the MCU software only needs to be loaded to the prommer once.

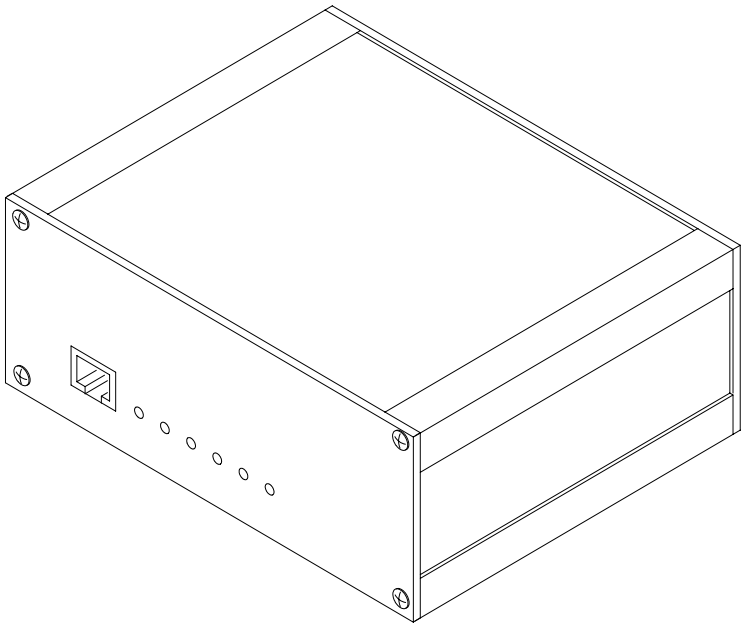
The sales pack includes:

- Charger ACL-3E	0680015
- Printer Cable	0730029
- D9 - D9 Cable AXS-4	0730090
- Installation software for FPS-4	8400041

Product Code

Flash Prommer FPS-4S:	0080178

View of FPS-4S



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Security Box TDF-4

The Security Box TDF-4 is required for updating MCU software and for infrared testing.

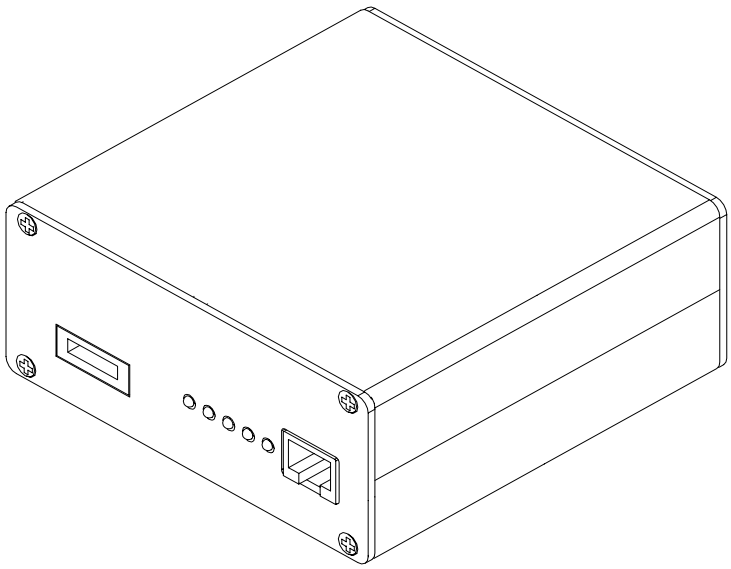
Note1: TDF-4 is delivered in de-activated mode. Fill in the enclosed Activation Request Form and fax it to NMP Salo to get the activation code.

Note2: The infrared module JLP-1 is not included in the TDF-4 sales package.

Product Code

Security Box TDF-4: 0770106

View of TDF-4



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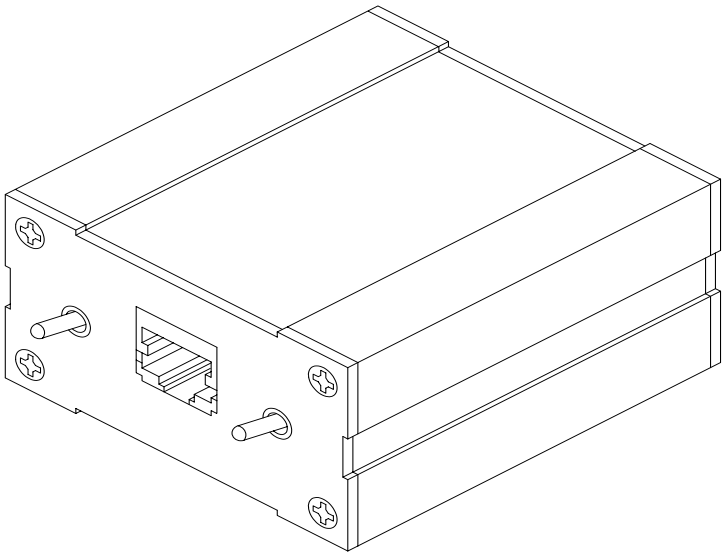
Service Audio Box JBA-4

The Service Audio Box JBA-4 is used between the Service Cable SCH-5, MBUS Cable DAU-9S, and Audio Cable ADS-1.

Product Code

Service Audio Box JBA-4: 0770094

View of JBA-4



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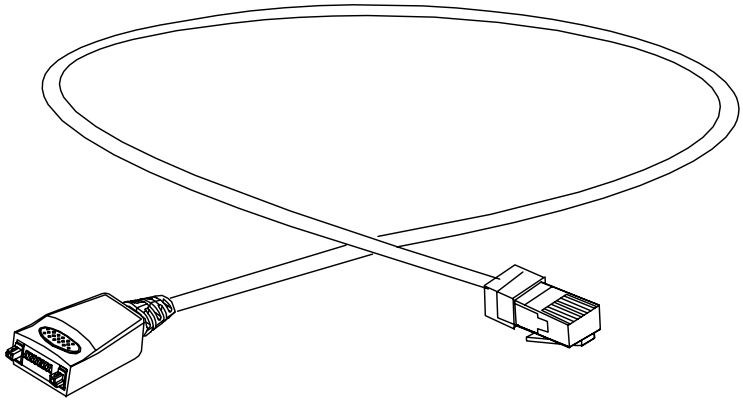
Service Cable SCH-5

The Service Cable SCH-5 is used between the phone and the Service Audio Box JBA-4 (or modular T-adapter). It also is used between the phone and the Flash Loading Adapter FLA-5.

Product Code

Service Cable SCH-5: 0730098

View of SCH-5



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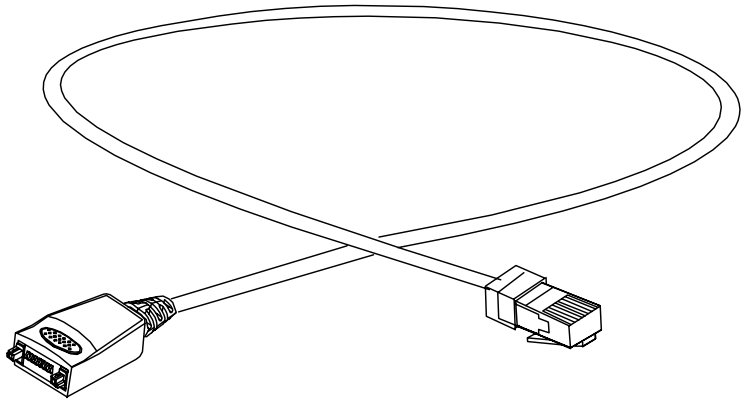
Warranty Cable SCH-6

The Warranty Cable SCH-6 is used to connect two phones, and enables transfer of data (stored numbers, etc.) from one phone to another.

Product Code

Warranty Cable SCH-6: 0730099

View of SCH-6



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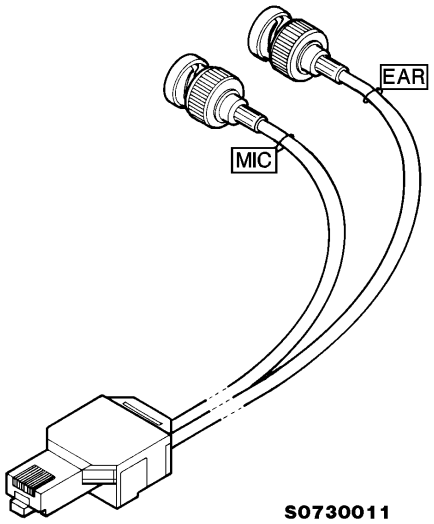
Audio Cable ADS-1

Audio cable is an adapter routing AF signals (MIC/EAR) from 8-pin modular connector to two BNC connectors. It is used to connect JBA-4, SCH-5, and DAU-9S.

Product Code

Audio Cable ADS-1: 0730011

View of ADS-1



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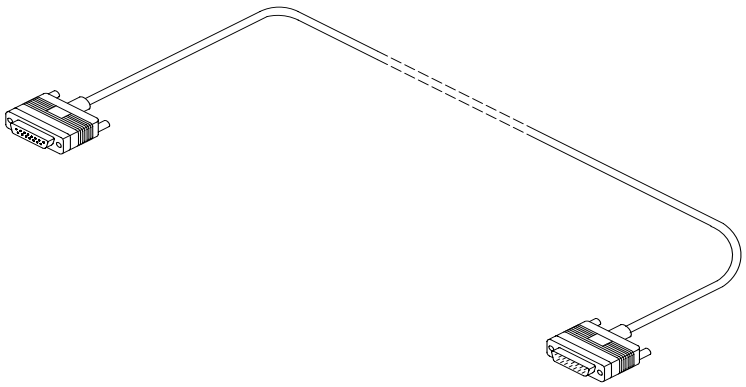
D15 - D15 Cable AXS-5

The D15-D15 Cable AXS-5 is used to connect two 15-pin D connectors (e.g., between FLA-5 and FPS-4S).

Product Code

D15-D15 Cable AXS-5: 0730091

View of AXS-5



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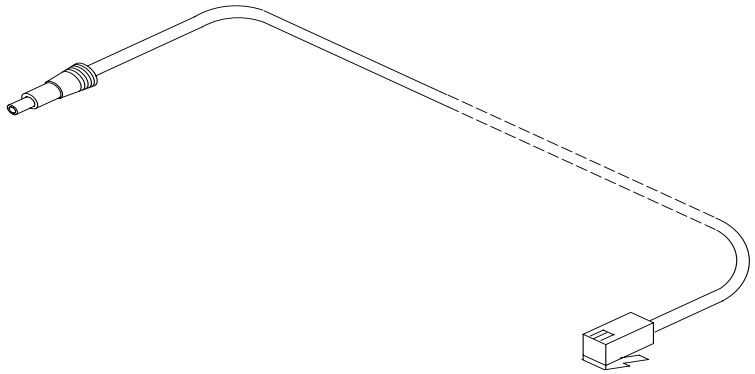
DC Cable PCC-1B

The DC Cable PCC-1B is used to connect FLA-5 and TDF-4.

Product Code

DC Cable PCC-1B: 0770053

View of PCC-1B



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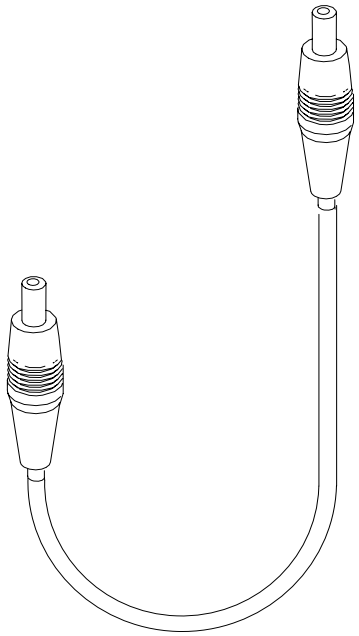
DC Cable SCB-3

The DC Cable SCB-3 is used to connect the Service Battery to the charger connection Vin of the phone when doing the charger calibration service procedure.

Product Code

DC Cable SCB-3: 0730114

View of SCB-5



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External Antenna Cable XRC-1B

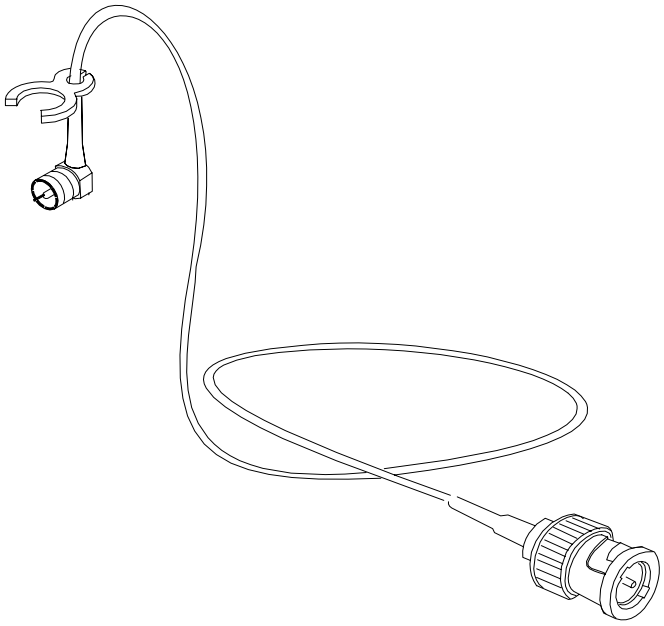
The External Antenna Cable is used to connect the transceiver to measuring equipment during servicing.

Note: Typical attenuation at 900MHz is 0.7 dB.
Typical attenuation at 1800MHz is 0.9 db.

Product Code

External Antenna Cable XRC-1B: 0730128

View of XRC-1B



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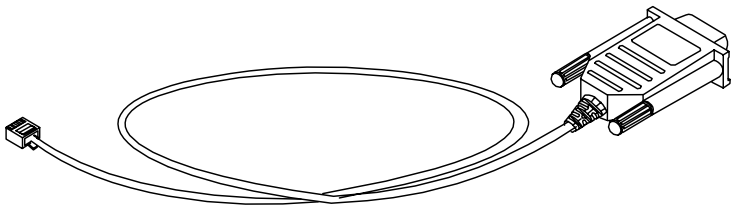
MBUS Cable DAU-9S

The MBUS Cable DAU-9S has a modular connector and is used with the Service Audio Box JBA-4 or the modular T-adapter.

Product Code

MBUS Cable DAU-9S: 0730108

View of DAU-9S



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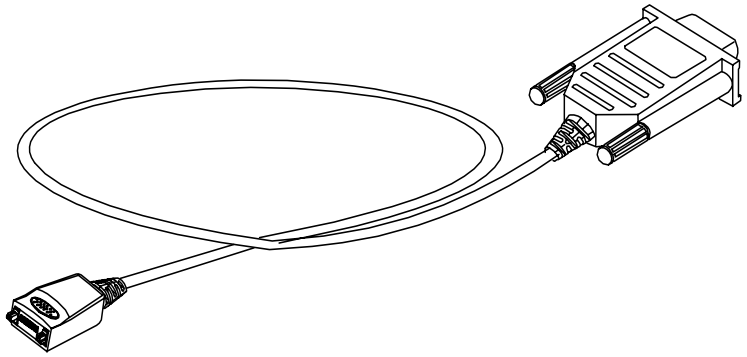
MBUS Cable DAU-9P

The MBUS Cable DAU-9P has a phone system connector and is used between the phone and external devices.

Product Code

MBUS Cable DAU-9P: 0730109

View of DAU-9P



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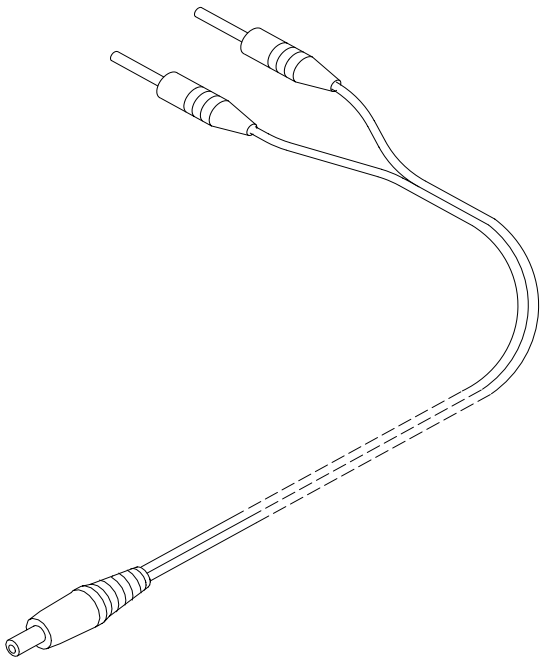
Power Cable PCS-1

The Power Cable PCS-1 is used toconnect the module jigs JBT-1 and JBS-19 to an external power supply.

Product Code

Power Cable PCS-1: 0730012

View of PCS-1



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